

Title (en)  
PROCESS FOR MAKING NON-WOVEN FABRICS

Publication  
**EP 0021693 B1 19841003 (EN)**

Application  
**EP 80301922 A 19800609**

Priority  
US 4783979 A 19790612

Abstract (en)  
[origin: EP0021693A1] In a process for making a non-woven fabric, fibers, (preferably hydrophobic fibers such as polyester or polyolefin fibers) are contacted with a binder comprising polymer polymerized from a monomer mixture comprising at least one C2-C18 alkyl acrylate, C2-C18 alkyl methacrylate, vinyl aromatic compound, vinyl halide, vinylidene halide, vinyl ester of at least one saturated carboxylic acid, polymerizable ethylenically unsaturated monocarboxylic acid, polymerizable ethylenically unsaturated dicarboxylic acid, polymerizable ethylenically unsaturated monocarboxylic acid ester, polymerizable ethylenically unsaturated dicarboxylic acid ester, acrylonitrile, methacrylonitrile, alpha olefin and/or diene monomer, the polymer having a molecular weight of from 50,000 to 10,000,000, a glass transition temperature of from -60 DEG C to 40 DEG C, the polymer is substantially free of residual ethylenic unsaturation and monomer units containing photosensitive groups and the binder is substantially free of crosslinking agent and photosensitive compounds. The composition is at least partially dried and exposed to a source of radiation, such as ultraviolet, to cure at least some of the polymer.

IPC 1-7  
**D04H 1/64**

IPC 8 full level  
**D06M 10/00** (2006.01); **D04H 1/64** (2012.01)

CPC (source: EP US)  
**D04H 1/587** (2013.01 - EP US); **D04H 1/64** (2013.01 - EP US); **Y10T 442/273** (2015.04 - EP US)

Cited by  
EP0345797A3; GB2176815A; GB2176815B; EP0720863A1; FR2729088A1; EP0246811A3; NL1006120C2; EP0264869A3; WO8301260A1; US7670967B2; EP0264869A2; US10260197B2; US11248338B2; US11408123B2; EP2231917B1

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